# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

**Executive Engineeer**
**Byatarayanapura Division**
**B.B.M.P., Bangalore - 92**

## DRAFT TENDER SCHEDULE

**Issued to :** **Original / Duplicate**

**Name of the Work : Improvements to Road and Side Drains at Badarappa Layout, Maruthinagara, Devingara, Muneshwarangara and Kodigehalli Grama in Ward No. 08, Kodigehalli Sub Division.**

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | **111.56** | Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work | Cum | 65.88 | |
| 2 | **131.85** | Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work | Cum | 90.72 | |
| 3 | **318.32** | Earth work in surface excavation in **hard soil** for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed etc complete as per specifications and directions of engineer in charge of the work | Cum | 177.12 | |
| 4 | **954.49** | Removing B.S. Slab Drain and stacking etc complete as per specifications and directions of engineer in charge of the work | Sqm | 50.11 | |
| 5 | **954.49** | Refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work | Sqm | 70.04 | |
| 6 | **409.07** | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick etc complete as per specifications and directions of engineer in charge of the work | Sqm | 343.44 | |
| 7 | **451.13** | Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | Cum | 4290.84 | |

| | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 8 | **58.86** | Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work | Cum | 4341.76 | |
| 9 | **119.10** | Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work | Sqm | 76.32 | |
| 10 | **8.64** | Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | Cum | 4690.50 | |
| 11 | **24.15** | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work | Sqm | 271.08 | |
| 12 | **19.31** | Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | Cum | 5639.76 | |
| 13 | **17.37** | Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work | Qntl | 7450.92 | |
| 14 | **265.20** | Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification etc complete as per specifications and directions of engineer in charge of the work | M | 137.16 | |

| | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 15 | 212.20 246.22 | Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. etc complete as per specifications and directions of engineer in charge of the work | Cum | 6464.88 | |
| 16 | 2122.16 2462.20 | **Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc complete as per specifications and directions of engineer in charge of the work | Sqm | 91.80 | |
| 17 | 361.71 860.69 | Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work | Cum | 72.71 | |

**Signture of the Contractor**

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Palike
Bangalore-92

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